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	Application No.	Applicant(s)	
Notice of Allowability	10/825,701	RATTI ET AL.	
	Examiner	Art Unit	
	Aditya S. Bhat	2863	
· · · · · · · · · · · · · · · · · · ·	Aultya S. Briat	2003	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31	6 (OR REMAINS) CLOSED in) or other appropriate comm RIGHTS. This application is:	n this application. If not includ unication will be mailed in due	ed course. THIS
1. \boxtimes This communication is responsive to <u>10/5/06</u> .			
2. ☑ The allowed claim(s) is/are <u>1-20</u> .			
3.	e been received.	· · · · · · · · · · · · · · · · · · ·	
 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this national stage application from the 			
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONI THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		e a reply complying with the re	quirements
4. A SUBSTITUTE OATH OR DECLARATION must be submin INFORMAL PATENT APPLICATION (PTO-152) which give			NOTICE OF
 CORRECTED DRAWINGS (as "replacement sheets") mu (a) including changes required by the Notice of Draftsper 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner Paper No./Mail Date 	rson's Patent Drawing Revie		
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in	1.84(c)) should be written on t the header according to 37 Cl	the drawings in the front (not the FR 1.121(d).	e back) of
 DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT 			Note the
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Attachment(s)	E - Neger C	aformal Datast Assalisation	
1. Notice of References Cited (PTO-892)		oformal Patent Application	
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	Paper No.	Summary (PTO-413), ./Mail Date	
Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date	7. 🛭 Examiner's	Amendment/Comment	
4. Examiner's Comment Regarding Requirement for Deposit	8. 🛭 Examiner's	Statement of Reasons for All	owance .
of Biological Material	9. 🗌 Other	·	

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Charles Call on December 21, 2006.

The application has been amended as follows:

In claim 1, line 3, after 'be', add the following:

-- easily --

In claim 1, line 3, ',' has been deleted and --that can be shaped and once shaped retains its shape,-- has been inserted.

In claim 1, line 4, "produced" has been deleted and –produce a threedimensional -- has been inserted.

In claim 4, line 3, "that can be shaped and once shaped retains its shape." has been deleted and --.-- has been inserted.

Amendments to claims 1 and 4 were made to define over the applied prior art.

This system is deemed to be non-obvious over the systems of the prior art.

Allowable Subject Matter

The following is a statement of reasons for the indication of allowable subject matter:

Regarding claims 1:

The primary reason for the allowance of claim 1 is the inclusion of: means for projecting a visible image corresponding to said result data onto said surface. It is this feature found in the claim, as it is claimed in the combination that has not been found, taught or suggested by the prior art of record, which makes this claim allowable over the prior art. It should be noted the surface is interpreted as the deformable material that was easily manually shaped to define a surface as claimed.

Claims 2-20 are allowed due to their dependency on claim 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Lancaster et al (USPN 6,229,546) teaches a rapid terrain model generation with 3-D object features and user customization interface, Margolin (USPN 6,023,278) teaches a digital map generator and display system Goodwin et al. (USPM 7,103,499) teaches a 3-D selection and manipulation with multiple dimension haptic interface and Rueb et al. (USPN 5,661,667) teaches 3D imaging using a laser projector.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aditya S. Bhat whose telephone number is 571-272-2270. The examiner can normally be reached on M-F 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Barlow can be reached on 571-272-2269. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Aditya Bhat December 21, 2006

> JOHN E. BARLOW, JR. PRIMARY EXAMINER GROUP 2000